



Components for Xelsius

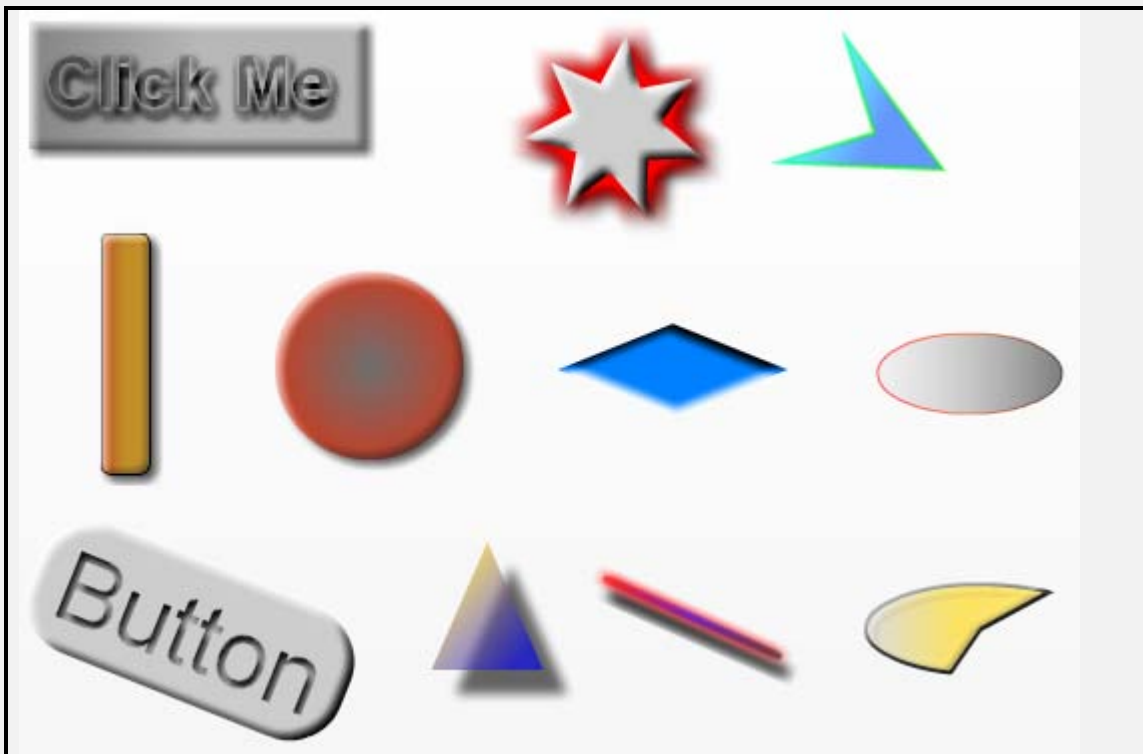
**Text & Shape
Components**

Inovista Text & Shape Components for Xcelsius

Inovista provides a range of text and shape components with extensive editing capabilities that can be deployed to enrich and decorate Xcelsius dashboards. As all components may be defined to accept mouse clicks and change spreadsheet values, they can also be used as selectors such as buttons. Spreadsheet values can also be employed to define component aspects such as the color and size.

All the components are available as Xcelcius© add-ins and come with a very powerful range of property editors allowing:

- Extensive Look & Feel Editing including Colour Gradients
- Behavioural Effects for each Component
- Filter Effects such as Beveling and Drop Shadows
- The Ability to Perform Activities on a Mouse Click
- A Full Background Editing Capability
- Colours, Rotation Angles, Heights, Widths etc all Definable from Spreadsheet Values



Inovista Text & Shapes

Filters

The look and feel of the text and images can be greatly enhanced using the filters options. Filters may be added to both the component itself and to its background. Each filter includes up to 12 additional options that allows a designer to fine tune the filter actions. All filters can be combined on the same component permitting a huge range of possible outcomes.

A Bevel filter gives objects a three-dimensional look giving the appearance of standing out from the background.



BEVEL

The Drop Shadow filter also presents a three-dimensional look and adds a customizable shadow effect.



Drop Shadow

As the name suggests, the Glow filter provides the impression that the component is glowing.



GLOW

Behavioural Effects

Behavioural effects can be added to all the text and shape components. An example of a behavioural effect would be the component glowing when the user moves the mouse over that component.

Effects can be added for the following events:

- Effect on Opening
- Effect on Mouse Over
- Effect on Mouse Out
- Effect on Mouse Down
- Effect on Hide
- Effect on Show

The following effects are available:

- Blur
- Dissolve
- Fade
- Glow
- Move
- Resize
- Rotate
- Wipe Down
- Wipe Left
- Wipe Right
- Wipe Up
- Zoom



Fade Effect on Mouse Over

Borders and Colours

Colour gradients of up to six different colours can be defined for each component. All components allow the creation of a background and a background border. Shape components allow the creation of a border gradient for the shape itself

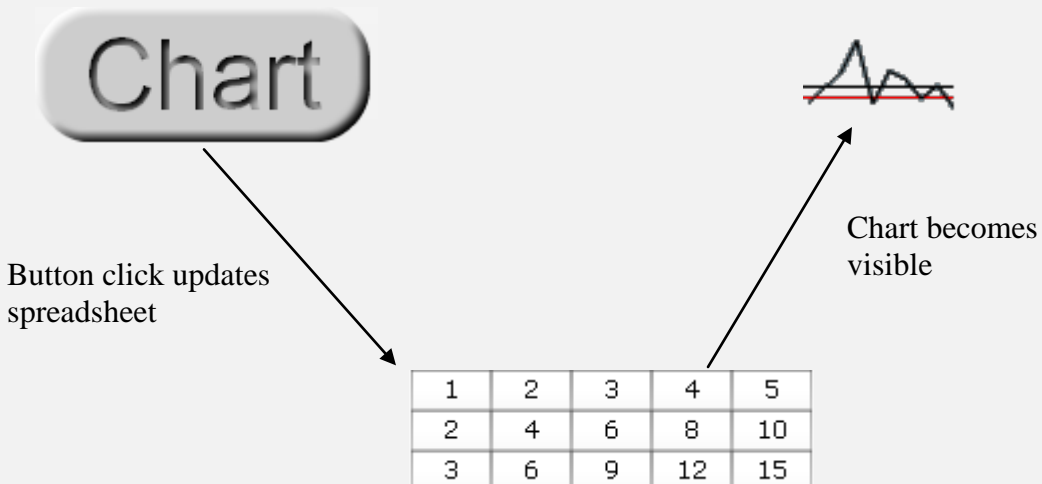
Within each colour gradient, the transparencies, break ratios and angles can be adjusted.



Background Gradient plus Inner and Outer Borders

Interactivity, Updating the Spreadsheet

A designer in Xclesius can set any of the text or shape components to listen for clicks and/or double clicks of the mouse. Once clicked, the component sets a value in a spreadsheet cell. This behaviour can be employed to provide interactivity allowing the components to act as buttons or other selector types.

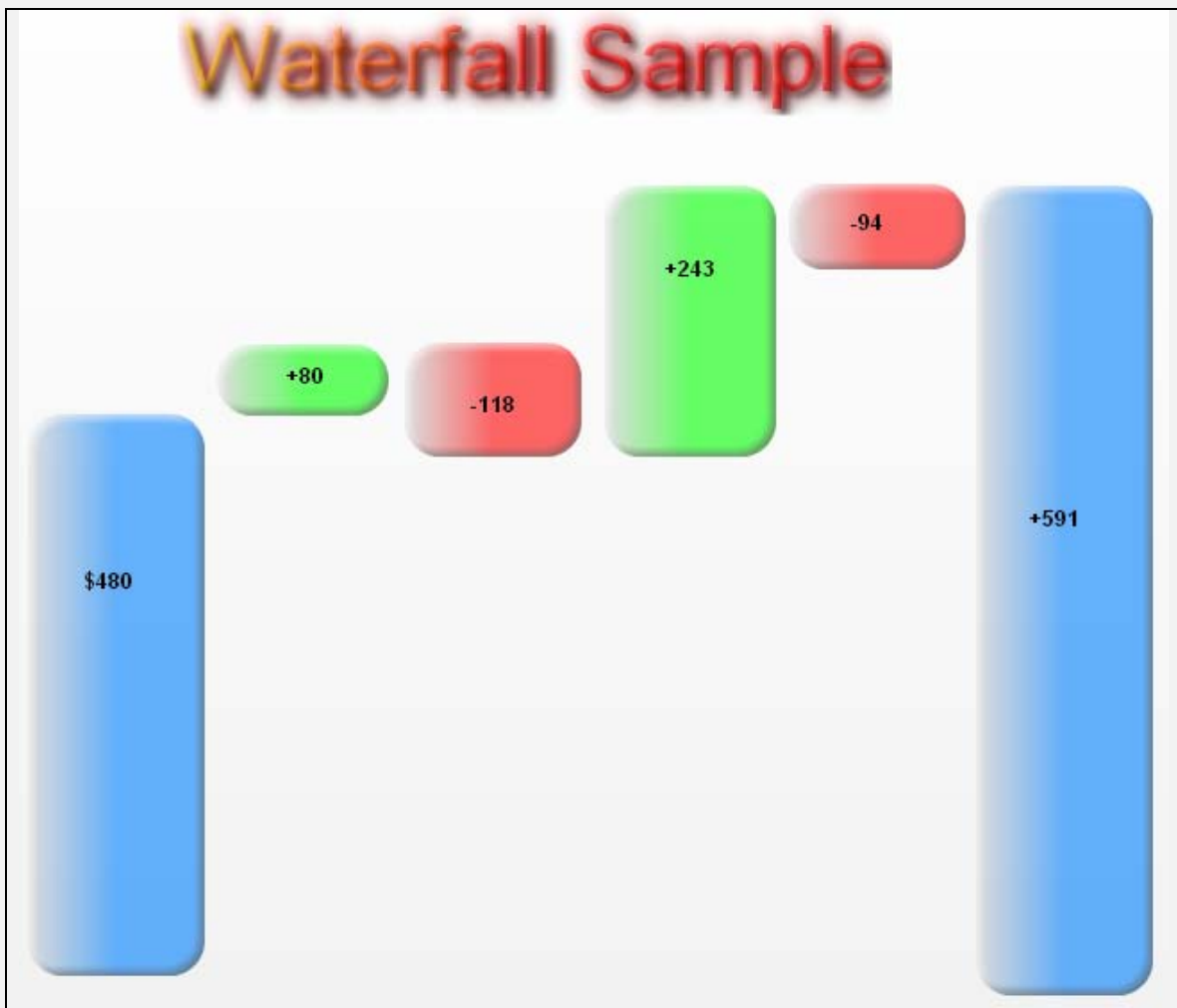


Spreadsheet Controlled Dimensions and Colours

The main aspects of each text or shape component can be controlled by values in the spreadsheet. Component properties that can be defined in this way (depending on the specific component) include:

- Width
- Height
- Radius
- Colour
- Rotation
- Text Value
- Start Angle
- Arc

Using this feature, it is possible to create other components such as charts by combining the components.



The Components

Text



Text Examples

Stars



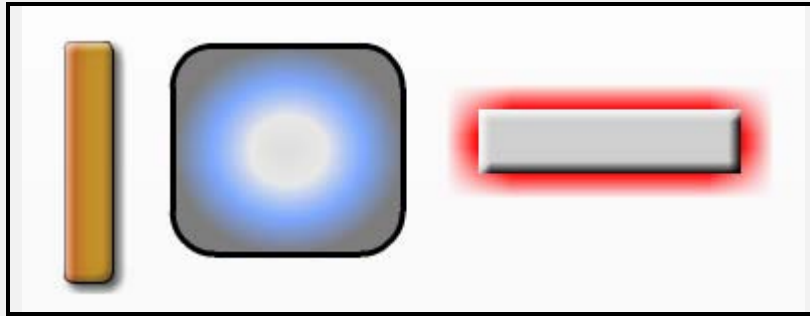
Star Examples

Arrows



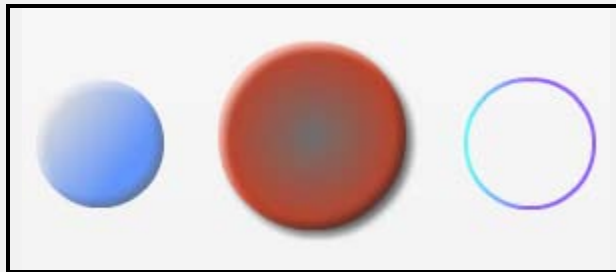
Arrow Examples

Rectangles



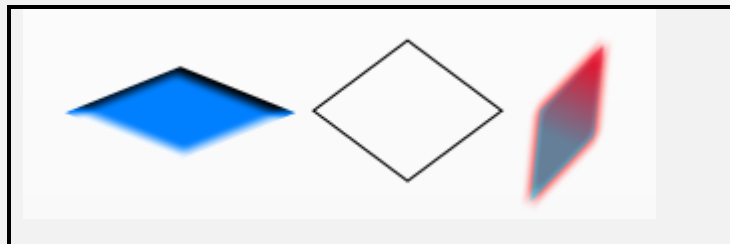
Rectangle Examples

Circles



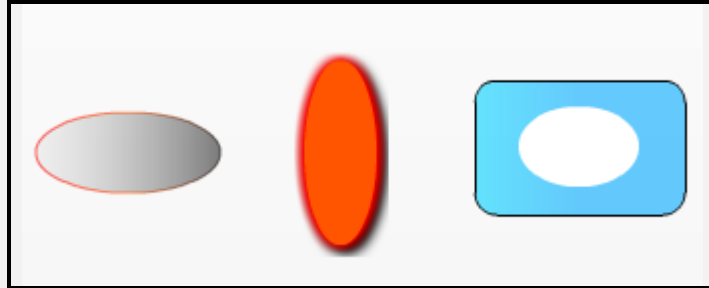
Circle Examples

Diamonds



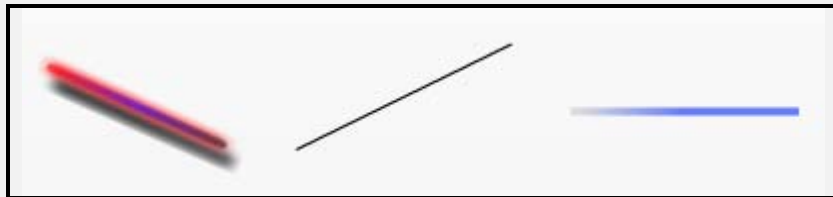
Diamond Examples

Ellipses



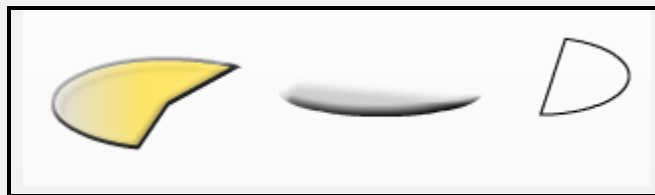
Ellipse Examples

Lines



Line Examples

Elliptical Arcs



Elliptical Arc Examples

Triangles

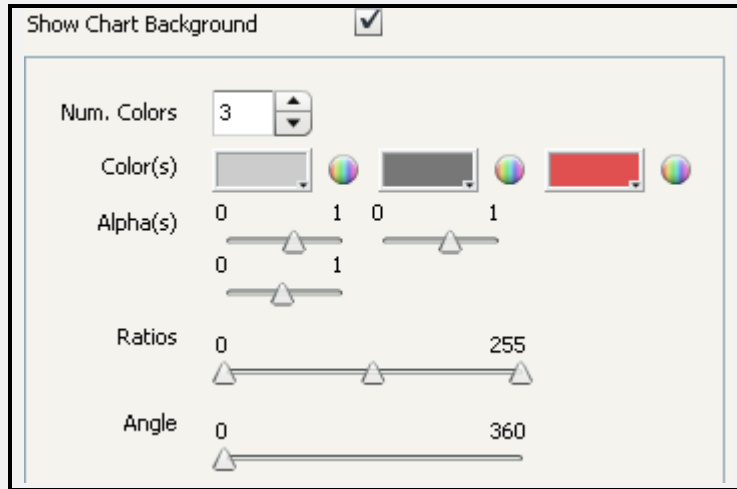


Triangle Examples

Xcelsius Property Editors

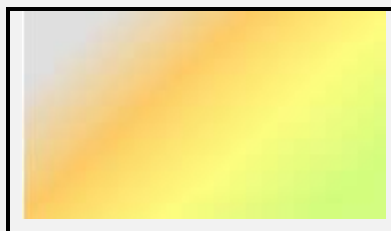
In addition to the standard property editors that are in common usage throughout Xcelsius; for example, the textual editors that allow a user to define font and font families, the text and shape components are delivered with a variety of specialist component editors. The following examples work with all Inovista components where relevant.

Colour Gradient Editors



The Inovista Gradient Editor in Xcelsius

Powerful gradient colour editors are used throughout the Inovista product range. They give the ability to create a background or foreground gradient of up to 6 colours. Property slider controls allow the designer to edit the transparency or alpha and the break point or ratio of each colour in the range. The direction of the gradient can be defined using the 'Angle' slider.



A Sample Gradient

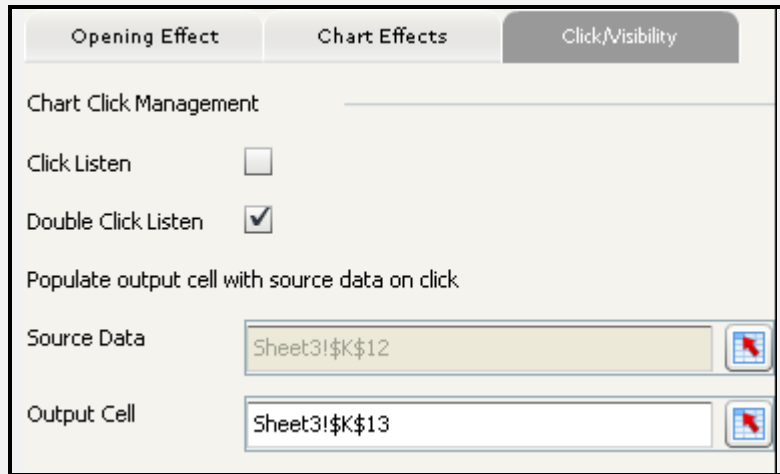
Filter Editors

Three filter editors are available for both the background and object itself, six in total. Each filter editor contains up to twelve options allowing the designer to refine the filter to specific requirements.



The Bevel Filter Editor

Click Listeners

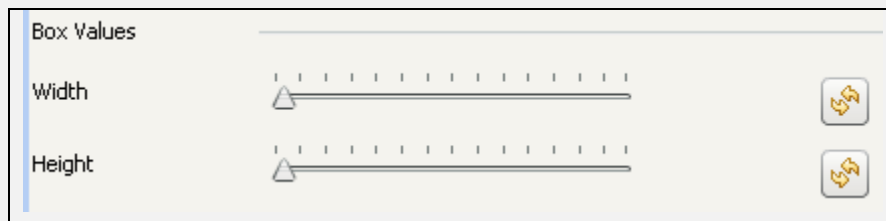


The Click Listener Editor

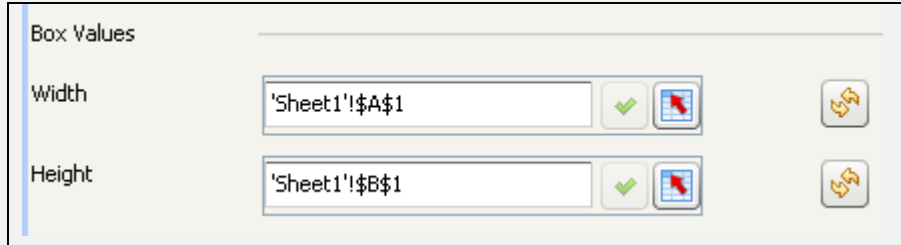
All the Inovista text and shape components offer the capability of reacting to a user click or double click. Using the Click Listener editor, a designer can demand that the component place a value in a spreadsheet cell when a component is clicked or double clicked. The data placed in the cell can then be used to pass data to other Xcelsius components.

Spreadsheet or Manual Data Entry

In many cases, a designer may need the option of setting a property either by manually entering a value or taking a variable value from the spreadsheet. Where ever possible, this option is provided by the toggle property setters. Clicking the toggle button allows the designer to switch between the two options.



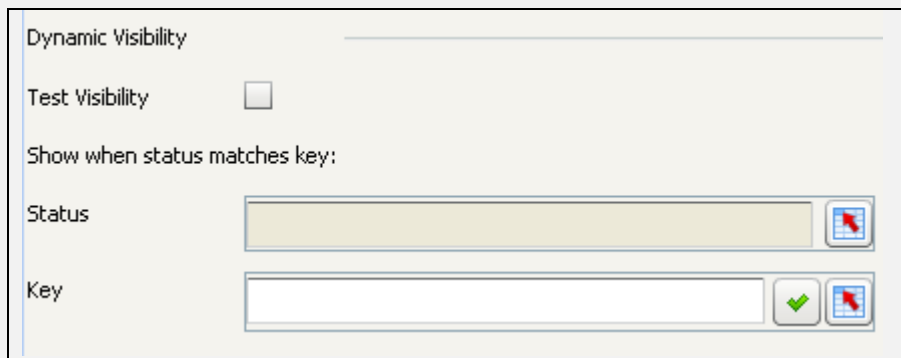
Manual Property Setters



Same Properties Toggled to Read Spreadsheet Values

Visibility Editor

Text and shape components can be set to visible or invisible depending on a spreadsheet value. This option is defined in the Visibility editor.



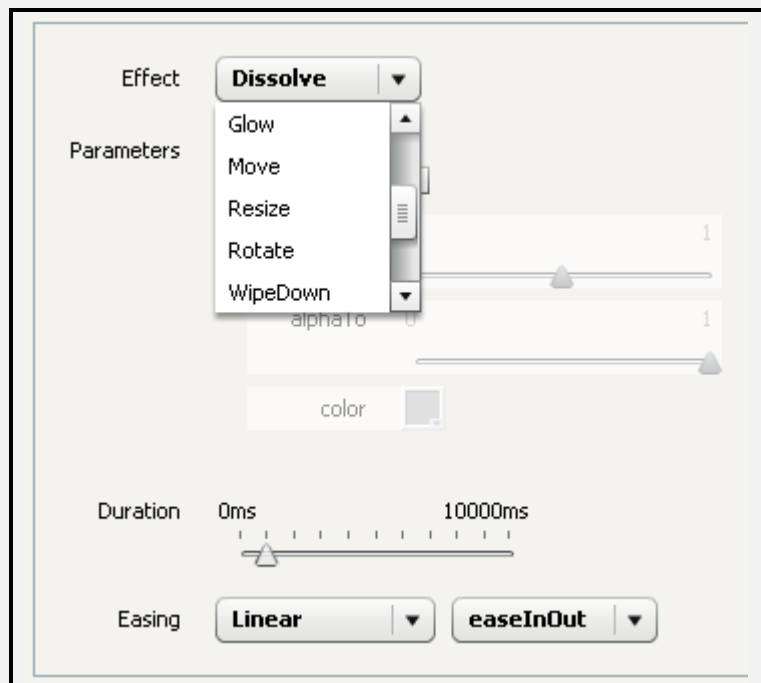
Visibility Property Editor

Effect Editors

It is also possible to add effects to most Inovista components. This can be used, for example, to create a zoom effect on a Data Table when it is opened. Twelve different effects are available including Blur, Fade, Dissolve, Glow, Move, Resize, Rotate, Wipe Up, Wipe Down, Wipe Left, Wipe Right and Zoom.

Depending on the effect selected, the relevant option parameters for that effect are available. For example, in the case of a Zoom, the percentage size of 'zoom from' and 'zoom to' can be defined.

The full range of easing objects and methods can also be selected.



The Effect Editor

More Information

For more information about all Inovista products, please go to:

www.inovista.com

Check in the Samples and Tutorial tabs for examples and videos that can be downloaded.

To ask a question about this document or any Inovista product , please contact Inovista with either of the following email addresses:

support@inovista.com

info@inovista.com

System Requirements for Installation

Xcelsius 2008 Service Pack 1 or later

Flash Player 9 or greater

At least 2 Gigabytes or RAM is recommended